

Leading Solutions in Corrosion
Mitigation and Inhibition



PureCorr™

Innovative Technology
Superior Performance
Proven Results



Our corrosion experts have a patented corrosion inhibitor in their toolbox to protect the customers' assets

PureCorr has a proven track record of saving customers between 60 - 70% in operating costs over conventional corrosion inhibitors

PURECHEM'S PURECORR™ IS A CORROSION CONTROL BREAKTHROUGH

- Patented binary corrosion inhibitor
- Forms a net-like microfilm barrier that becomes part of the metal matrix
- Film life is far superior to that of conventional inhibitors
- Protects against the corrosive effects of bacteria, oxygen, carbon dioxide (CO₂), hydrogen sulfide gas (H₂S) and organic acids
- Breaks down into erosion by-products having no deleterious effect on the formation
- More efficient than conventional inhibitors

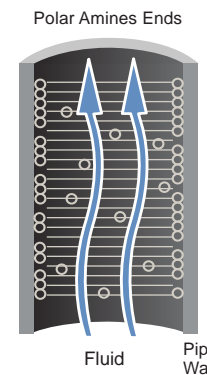
THE PURECORR SOLUTION

PureCorr is designed for use in producing oil and gas wells, surface vessels and internal pipeline corrosion control. The specially formulated micro filming characteristics of PureCorr adhere to the surface and penetrate into microscopic cracks and crevices, displacing water before it cures and forms a film that lasts up to six times longer than traditional amine inhibitors.

This tenacious film results in reduced treatment frequencies and minimizing downtime thus producing significant cost savings over traditional corrosion inhibitors.

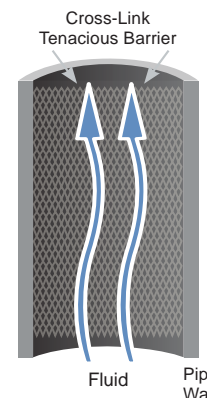
TRADITIONAL CORROSION INHIBITORS

Fines and high velocity fluids affect conventional polar amine filming attraction to metal. Polar amines also lose their charge and fall away over time.



PURECORR CORROSION INHIBITOR

PureCorr's micro-film binds with the metals, becoming part of its matrix. It is resistant to chemicals, fines and fluid velocities.



PROVEN TRACK RECORD OF ONGOING SUCCESSES

- \$ PureCorr eliminated rod failures on a well in SE Saskatchewan, saving our customer over half a million dollars on just one well.
- \$ A program of batching PureCorr every quarter in a Grande Prairie pipeline halted corrosion thus extending the life of the pipeline.
- \$ A midstream company in Alberta was experiencing high corrosion and failure rates on some of its aging pipelines; the implementation of an annual batch of PureCorr completely eliminated downtime and essentially stopped the corrosion process.



COMPANY PROFILE

CES Energy Solutions offers a full suite of oilfield chemicals through its various business units across North America. CES boasts two core businesses; a drilling fluids division and a production and specialty chemical division. The Canadian drilling fluids division, Canadian Energy Services, claims a third of the drilling fluids market share in Canada. PureChem Services was formed internally in 2011 and has rapidly grown into a major supplier of production chemicals in the Canadian market.

Our US counterpart, AES Drilling Fluids, continues to garner a healthy portion of

the US drilling fluids market. Jacam and Catalyst have been in the US production chemical business for over 30 years and continue to thrive.

CES' vertically integrated business model includes a network of manufacturing and blending facilities, reactors, laboratories, R&D centers, transportation and service fleets and environmental services.

The company has attained ISO 9001:2015 certifications on most of the manufacturing facilities and continues to work towards certifications as new plants are put into production.

CES trades under CEU on the TSX.

Drilling Fluids

Completions

Stimulations

Fracturing Acids

Production Chemicals

Pipeline Treatments

Research and Development

Transportation and Logistics

